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\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Jan 25	BLAST(R) searching in REGISTRY available in STN on the Web
NEWS	3	Jan 29	FSTA has been reloaded and moves to weekly updates
NEWS	4	Feb 01	DKILIT now produced by FIZ Karlsruhe and has a new update frequency
NEWS	5	Feb 19	Access via Tymnet and SprintNet Eliminated Effective 3/31/02
NEWS	6	Mar 08	Gene Names now available in BIOSIS
NEWS	7	Mar 22	TOXLIT no longer available
NEWS	8	Mar 22	TRCTHERMO no longer available
NEWS	9	Mar 28	US Provisional Priorities searched with P in CA/CAPLUS and USPATFULL
NEWS	10	Mar 28	LIPINSKI/CALC added for property searching in REGISTRY
NEWS	11	Apr 02	PAPERCHEM no longer available on STN. Use PAPERCHEM2 instead.
NEWS	12	Apr 08	"Ask CAS" for self-help around the clock
NEWS	13	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS	14	Apr 09	ZDB will be removed from STN
NEWS	15	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS	16	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS	17	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS	18	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS EXPRESS			February 1 CURRENT WINDOWS VERSION IS V6.0d, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items
NEWS PHONE			Direct Dial and Telecommunication Network Access to STN
NEWS WWW			CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 13:38:03 ON 30 APR 2002

Examiner Anderson 703-605-1157

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 13:38:10 ON 30 APR 2002

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STRUCTURE FILE UPDATES: 29 APR 2002 HIGHEST RN 409058-68-0

DICTIONARY FILE UPDATES: 29 APR 2002 HIGHEST RN 409058-68-0

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES  
for more information. See STNote 27, Searching Properties in the CAS  
Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

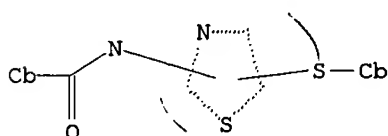
Uploading 10027982.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 13:38:41 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 12006 TO ITERATE

8.3% PROCESSED 1000 ITERATIONS

0 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 233567 TO 246673

PROJECTED ANSWERS: 0 TO 0

Examiner Anderson 703-605-1157

L2 0 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 13:38:45 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 239203 TO ITERATE

100.0% PROCESSED 239203 ITERATIONS  
SEARCH TIME: 00.00.08

95 ANSWERS

L3 95 SEA SSS FUL L1

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

140.28

140.49

FILE 'CAPLUS' ENTERED AT 13:38:57 ON 30 APR 2002  
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FILE COVERS 1907 - 30 Apr 2002 VOL 136 ISS 18  
FILE LAST UPDATED: 28 Apr 2002 (20020428/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> s l3

L4 3 L3

=> d ibib abs hitstr 1-3

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:82902 CAPLUS

DOCUMENT NUMBER: 132:222487

TITLE: 5-aminothiazolium salts as potential cyclic azomethine ylides: base-induced cycloaddition reactions with aryl, alkyl, and benzoyl isothiocyanates

AUTHOR(S): Benjelloun, Adile Touimi; Morel, Georges; Marchand, Evelyne

CORPORATE SOURCE: Synthese et Electrosynthese Organiques, UMR 6510, Universite de Rennes I, Rennes, 35042, Fr.

Examiner Anderson 703-605-1157

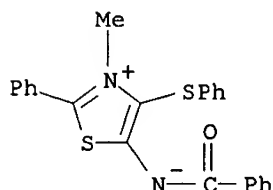
SOURCE: Heteroatom Chemistry (2000), 11(1), 16-26  
 CODEN: HETCE8; ISSN: 1042-7163  
 PUBLISHER: John Wiley & Sons, Inc.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 132:222487

AB Reactions of in situ generated thiazoles with aryl and alkyl isothiocyanates appear to be totally regioselective and give the unexpected 5-(phenylthio)imidazolium-4-thiolates. Such rapid interconversion of mesoionic compds. is explained by a 1,3-dipolar addn. to the C:N bond of the heterocumulene followed by t-BuNCS elimination. Similar interactions with benzoyl isothiocyanate exclusively proceed on the C:S unsatn. of the heteroallene moiety and produce 4-(phenylthio)thiazolium-5-amidines. Structural assignment of isolated imidazoles and thiazoles is based on <sup>13</sup>C NMR data and chem. confirmed by NaBH<sub>4</sub> redn. of the alkylated derivs. Efforts to isomerize the starting mesoionic thiazole without the use of t-BuNCS are unsuccessful.

IT **260966-58-3P 260966-59-4P 260966-68-5P**  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (base-induced 1,3-dipolar cycloaddn. of aminothiazolium chlorides with isothiocyanates)

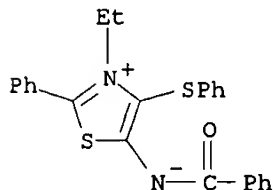
RN 260966-58-3 CAPLUS

CN Thiazolium, 5-(benzoylamino)-3-methyl-2-phenyl-4-(phenylthio)-, inner salt (9CI) (CA INDEX NAME)



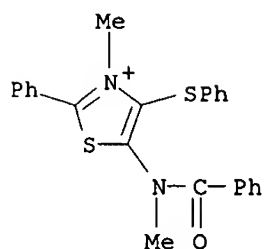
RN 260966-59-4 CAPLUS

CN Thiazolium, 5-(benzoylamino)-3-ethyl-2-phenyl-4-(phenylthio)-, inner salt (9CI) (CA INDEX NAME)



RN 260966-68-5 CAPLUS

CN Thiazolium, 5-(benzoylmethylamino)-3-methyl-2-phenyl-4-(phenylthio)-, iodide (9CI) (CA INDEX NAME)



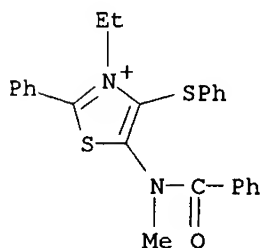
I<sup>-</sup>

IT 260966-69-6P 260966-70-9P 260966-75-4P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(base-induced 1,3-dipolar cycloaddn. of aminothiazolium chlorides with isothiocyanates)

RN 260966-69-6 CAPLUS

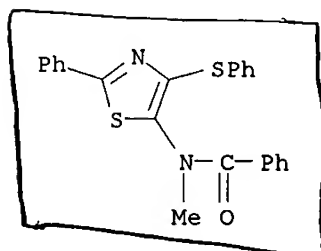
CN Thiazolium, 5-(benzoylmethylamino)-3-ethyl-2-phenyl-4-(phenylthio)-, iodide (9CI) (CA INDEX NAME)



I<sup>-</sup>

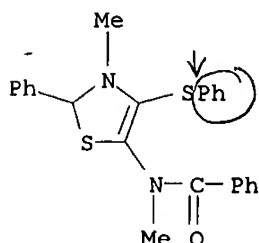
RN 260966-70-9 CAPLUS

CN Benzamide, N-methyl-N-[2-phenyl-4-(phenylthio)-5-thiazolyl]- (9CI) (CA INDEX NAME)



RN 260966-75-4 CAPLUS

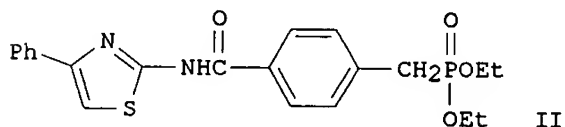
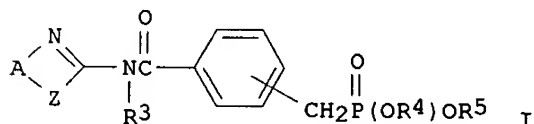
CN Benzamide, N-[2,3-dihydro-3-methyl-2-phenyl-4-(phenylthio)-5-thiazolyl]-N-methyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS  
 ACCESSION NUMBER: 1995:767402 CAPLUS  
 DOCUMENT NUMBER: 123:169893  
 TITLE: Preparation of dialkyl benzylphosphonate derivatives as pharmaceuticals  
 INVENTOR(S): Shoji, Yasuo; Tsuda, Yoshihiko; Tsutsumi, Kazuhiko; Inoe, Yasuhide; Nanami, Cheko  
 PATENT ASSIGNEE(S): Otsuka Pharma Co Ltd, Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 15 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

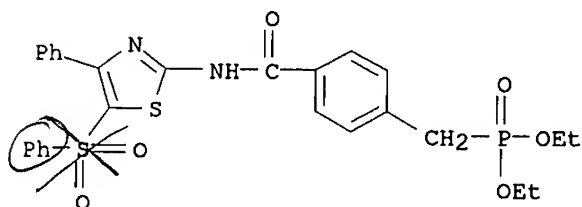
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 06306089	A2	19941101	JP 1993-143237	19930615
JP 2787407	B2	19980820		
PRIORITY APPLN. INFO.:			JP 1992-160981	19920619
			JP 1993-35292	19930224
OTHER SOURCE(S):			MARPAT 123:169893	
GI				



AB The title compds. I [A = CR<sub>1</sub>:CR<sub>2</sub>, etc.; R<sub>1</sub>, R<sub>2</sub> = H, alkyl, etc.; R<sub>3</sub> = H, Ph, etc.; R<sub>4</sub>, R<sub>5</sub> = alkyl, etc.; Z = S, etc.], useful for the treatment of hyperlipidemia, cataract, and diabetes (no data), are prepd. The title compd. II was prepd. from 2-amino-4-phenylthiazole and

Examiner Anderson 703-605-1157

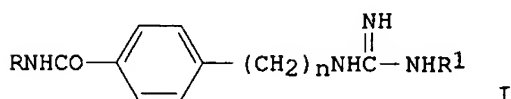
4-[(diethoxyphosphoryl)methyl]benzoyl chloride.  
 IT **167157-61-1P**  
 RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (prepn. of dialkyl benzylphosphonate derivs. as pharmaceuticals)  
 RN 167157-61-1 CAPLUS  
 CN Phosphonic acid, [[4-[[[4-phenyl-5-(phenylsulfonyl)-2-thiazolyl]amino]carbonyl]phenyl]methyl]-, diethyl ester (9CI) (CA INDEX NAME)



L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2002 ACS  
 ACCESSION NUMBER: 1990:138776 CAPLUS  
 DOCUMENT NUMBER: 112:138776  
 TITLE: Preparation of 4-guanidino-N-heterocyclcylbenzamides as protease inhibitors  
 INVENTOR(S): Schnur, Rodney C.; Fliri, Anton F. J.  
 PATENT ASSIGNEE(S): Pfizer Inc., USA  
 SOURCE: U.S., 5 pp.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4874864	A	19891017	US 1988-197927	19880524
IL 90336	A1	19930131	IL 1989-90336	19890518
EP 343894	A1	19891129	EP 1989-305142	19890522
EP 343894	B1	19920610		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
JP 02017177	A2	19900122	JP 1989-128599	19890522
JP 06067905	B4	19940831		
AT 77083	E	19920615	AT 1989-305142	19890522
ES 2032229	T3	19930116	ES 1989-305142	19890522
FI 8902497	A	19891125	FI 1989-2497	19890523
FI 91254	B	19940228		
FI 91254	C	19940610		
NO 8902058	A	19891127	NO 1989-2058	19890523
NO 173867	B	19931108		
NO 173867	C	19940216		
DK 8902490	A	19891127	DK 1989-2490	19890523
HU 49860	A2	19891128	HU 1989-2579	19890523
HU 201314	B	19901028		
AU 8935097	A1	19891130	AU 1989-35097	19890523

AU 602294	B2	19901004		
ZA 8903865	A	19910130	ZA 1989-3865	19890523
US 4948891	A	19900814	US 1989-391756	19890809
US 4948901	A	19900814	US 1989-391764	19890809
PRIORITY APPLN. INFO.:			US 1988-197927	19880524
			EP 1989-305142	19890522
OTHER SOURCE(S):		CASREACT 112:138776; MARPAT 112:138776		
GI				



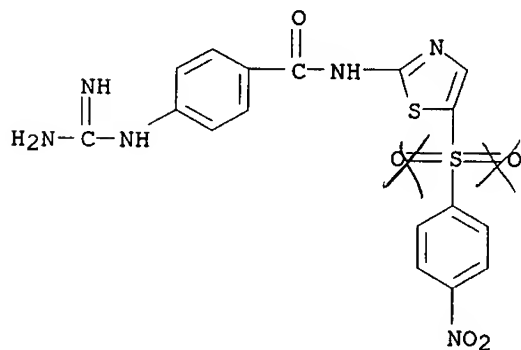
AB The title compds. (I; R = quinolin-8-yl, 6-methoxyquinolin-8-yl, quinolin-3-yl, 5-methylisoxazol-3-yl, indazol-5-yl, pyrimidin-2-yl, benzimidazol-2-yl, etc.; R1 = H, C1-3 alkyl; n = 0-2), useful as protease inhibitors/antiplasmin agents (no data), were prepd. Thus, 4-[H2NC(:NH)NH]C6H4CO2H.HCl and MeC(:NSiMe3)OSiMe3 were refluxed in THF, cooled, treated with SOCl2, and the mixt. was stirred 5 min. 8-Aminoquinoline in THF was added and the mixt. was stirred 30 min to give I (R = quinolin-8-yl, R1 = H, n = 0).

IT **125788-86-5P**

RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of, as protease inhibitor/antiplasmin agent)

RN 125788-86-5 CAPLUS

CN Benzamide, 4-[(aminoiminomethyl)amino]-N-[5-[(4-nitrophenyl)sulfonyl]-2-thiazolyl]- (9CI) (CA INDEX NAME)



=> FIL STNGUIDE

COST IN U.S. DOLLARS

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

CA SUBSCRIBER PRICE

SINCE FILE	TOTAL
ENTRY	SESSION
15.15	155.64

SINCE FILE	TOTAL
ENTRY	SESSION
-1.86	-1.86

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FILE 'STNGUIDE' ENTERED AT 13:41:41 ON 30 APR 2002  
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AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Apr 26, 2002 (20020426/UP).

=> log y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.48	156.12
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-1.86

STN INTERNATIONAL LOGOFF AT 13:46:27 ON 30 APR 2002